Applic. No. 10/075,670
Amdt. dated June 23, 2006
Reply to Office action of March 23, 2006

Claim Amendments

This listing of the claims will replace all prior versions,
and listings, of claims in the application:

Claim 1 (currently amended): A raster generation system for a
printing machine with an image-setting unit, comprising:

at least one raster processor for generating raster data from
raw image data; and

a memory for storing the raster data while the raster data are
being generated by the raster processor, said memory formed by
a raster memory with random access;

said raster processor storing the raster data column by column
in said raster memory while the raster data are being
generated.

Claim 2 (original): The raster generation system according to
claim 1, comprising a first plug-in interface board, said
raster memory and said raster processor disposed on said first
plug-in interface board.

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Claim 3 (original): The raster generation system according to

claim 2, comprising:

an image-setting unit; and

a DMA controller for controlling a transfer of the raster data

from said raster memory to said image-setting unit.

Claim 4 (original): The raster generation system according to

claim 1, comprising:

an image-setting unit; and

a DMA controller for controlling a transfer of the raster data

from said raster memory to said image-setting unit.

Claim 5 (original): .The raster generation system according to

claim 4, comprising:

a buffer memory;

said DMA controller providing an output;

said buffer memory buffering said output of said DMA

controller.

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Claim 6 (original): The raster generation system according to

claim 4, comprising a second plug-in interface board, said DMA

controller and said buffer memory disposed on said second

plug-in interface board.

Claim 7 (currently amended): A method of processing raster

data for an image-setting unit of a printing machine, which

comprises:

generating raster data line by line from raw image data;

storing the raster data column by column in a raster memory

with random access while being generated by a raster

processor; and

reading out the raster data column by column into an image-

setting unit.

Claim 8 (original): The method according to claim 7, which

comprises:

using a DMA controller to control the step of reading out the

raster data; and

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buffering the raster data that has been read out in a buffer

memory.

Claim 9 (previously presented): The raster generation system

according to claim 1, wherein the raster data are generated

line by line from the raw image data